



SEQUENCE LISTING

<110> Khoja, Hamiduddin
Shyamala, Venkatakrishna

<120> Isolated VSHK-1 Receptor Polypeptides
and Methods of Use Thereof

<130> 2300-1544

<150> 60/107,112

<151> 1998-11-04

<150> 60/114,856

<151> 1999-01-06

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1958

<212> DNA

<213> Homo sapiens

<400> 1

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atgaggaaaa	tgaaatgaat	ggcacttatg	actacagtca	atatgaactg	atctgtatca	180
aagaagatgt	cagagaattt	gcaaaagtth	tcctccctgt	attcctcaca	atagttttcg	240
tcattggact	tgcaggcaat	tccatggtag	tggcaattta	tgcctattac	aagaaacaga	300
gaaccaaacc	agatgtgtac	atcctgaatt	tggctgtagc	agatttactc	cttctattca	360
ctctgccttt	ttgggctggt	aatgcagttc	atgggtgggt	tttagggaaa	ataatgtgca	420
aaataacttc	agccttgtag	acactaaact	ttgtctctgg	aatgcagttt	ctggcttgta	480
tcagcataga	cagatatgtg	gcagtaacta	aagtccccag	ccaatcagga	gtgggaaaac	540
catgctggat	catctgtttc	tgtgtctgga	tggctgccat	cttgctgagc	ataccccagc	600
tgggttttta	tacagtaaat	gacaatgcta	ggtgcattcc	cattttcccc	cgctaccctag	660
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aacatgaaaa	ttaaaatgaa	caatatagga	aaataattgt	aacaggcata	agtgaataac	1380

actctgctgt	aacgaagaag	agctttgtgg	tgataatddd	gtatcttggt	tgcagtgggtg	1440
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aactccaact	atcttdtdtd	ctgtdtdtdtd	taaatdddgt	agtaatdddta	taaaatccac	1860
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<210> 2
 <211> 350
 <212> PRT
 <213> Homo sapiens

<400> 2

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Glu	Met	Asn	Gly	Thr	Tyr	Asp	Tyr	Ser	Gln	Tyr	Glu	Leu	Ile	Cys	Ile
		20						25					30		
Lys	Glu	Asp	Val	Arg	Glu	Phe	Ala	Lys	Val	Phe	Leu	Pro	Val	Phe	Leu
	35						40				45				
Thr	Ile	Val	Phe	Val	Ile	Gly	Leu	Ala	Gly	Asn	Ser	Met	Val	Val	Ala
	50					55					60				
Ile	Tyr	Ala	Tyr	Tyr	Lys	Lys	Gln	Arg	Thr	Lys	Thr	Asp	Val	Tyr	Ile
65					70					75				80	
Leu	Asn	Leu	Ala	Val	Ala	Asp	Leu	Leu	Leu	Phe	Thr	Leu	Pro	Phe	
			85					90					95		
Trp	Ala	Val	Asn	Ala	Val	His	Gly	Trp	Val	Leu	Gly	Lys	Ile	Met	Cys
	100							105					110		
Lys	Ile	Thr	Ser	Ala	Leu	Tyr	Thr	Leu	Asn	Phe	Val	Ser	Gly	Met	Gln
	115						120					125			
Phe	Leu	Ala	Cys	Ile	Ser	Ile	Asp	Arg	Tyr	Val	Ala	Val	Thr	Lys	Val
	130					135					140				
Pro	Ser	Gln	Ser	Gly	Val	Gly	Lys	Pro	Cys	Trp	Ile	Ile	Cys	Phe	Cys
145					150				155					160	
Val	Trp	Met	Ala	Ala	Ile	Leu	Leu	Ser	Ile	Pro	Gln	Leu	Val	Phe	Tyr
			165					170						175	
Thr	Val	Asn	Asp	Asn	Ala	Arg	Cys	Ile	Pro	Ile	Phe	Pro	Arg	Tyr	Leu
		180						185					190		
Gly	Thr	Ser	Met	Lys	Ala	Leu	Ile	Gln	Met	Leu	Glu	Ile	Cys	Ile	Gly
	195					200						205			
Phe	Val	Val	Pro	Phe	Leu	Ile	Met	Gly	Val	Cys	Tyr	Phe	Ile	Thr	Ala
	210					215				220					
Arg	Thr	Leu	Met	Lys	Met	Pro	Asn	Ile	Lys	Ile	Ser	Arg	Pro	Leu	Lys
225					230					235				240	
Val	Leu	Leu	Thr	Val	Val	Ile	Val	Phe	Ile	Val	Thr	Gln	Leu	Pro	Tyr
			245					250					255		
Asn	Ile	Val	Lys	Phe	Cys	Arg	Ala	Ile	Asp	Ile	Ile	Tyr	Ser	Leu	Ile
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<223> n = inosine

<223> encodes synthetic peptide

<400> 6

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nnnnnnttca gcggagtga aatagaaagg tac 93

<210> 7

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 7

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<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 8

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<211> 21

<212> DNA

<213> Artificial Sequence

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<223> mutagenic oligonucleotides

<400> 9

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<210> 10

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> mutagenic oligonucleotides

<400> 10

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<210> 11
<211> 39
<212> DNA
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<400> 11
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<210> 12
<211> 24
<212> DNA
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<220>
<223> mutagenic oligonucleotides

<400> 12
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24

<210> 13
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<212> DNA
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<220>
<223> primers

<400> 13
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22

<210> 14
<211> 23
<212> DNA
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<220>
<223> primers

<400> 14
acagacagcc ctcatagtta gcg

23